



# SIDDHARTH GARG

COMPUTER SCIENCE  
SOPHOMORE

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## POSITIONS HELD

- Creative Head, Mozilla Firefox Club VIT
- Marketing Lead, ERIDE NGO
- Computer Vision Engineer, FindMind Analytics
- Senior Core Committee Tech , Computer Society of India, VIT (2018-19)

## A BIT ABOUT ME

Challenging puzzles, deep thoughts and innovative ideas fuel my excitement. Love of computers, AI, design all comes from a single source, an urge to implement my creativity and logical reasoning. I'm a curious, wandering mind finding it's way and growing as I go..

## GET IN TOUCH

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Resume last updated 03/2020

## EDUCATION

### Btech, Computer Science with Sp. in Bioinformatics

VIT Vellore (Institute of Eminence)

2018 - Present

Current CGPA 8.93

### 12th Grade, All India Senior School Certificate Examination (AISSCE)

Delhi Public School, RK Puram

2015 - 2017

Score: 90%

#### Subjects

- Computer Science
- English
- Mathematics
- Multimedia and Webtech
- Physics
- Chemistry

### 10th Grade, All India Secondary School Certificate (AISSC)

Delhi Public School, Agra

2007 - 2017

CGPA 9.4

## TECHNICAL SKILLS

### Deep Learning



**Fields** - Computer Vision, NLP, Neural Style Transfer

CNNs, RNNs, Image Recognition, Sentiment Analysis, Topic Modeling, Object Detection, Tensorflow, Keras, PyTorch, Darknet

### Full Stack Development



HTML, CSS, SCSS , JavaScript, NodeJS, Python, Flask , Django,, ReactJS, React Native, JQuery, Bootstrap, C, C++, SQL, Python, Java, Cloud Computing, AWS

### Graphic Design



Adobe Photoshop, Adobe Illustrator, Canva

## SOME OF MY PROJECTS

### TB Saathi (Tuberculosis Diagnosis using neural networks and reporting tool)

Nov 2019 - Present

2nd Prize in Hello World Hack by Vinnovate VIT

Taking input as XRay images and symptoms, probability of TB is analyzed and subsequent measures taken in order to help under privileged patients.

### Sentiment Analysis and Topic Modelling of primetime News-hour Debates from different news channels

Dec 2019 - Present

Scripts of Different new channels reporting news on a single day is collected and using NLP, different patterns and styles of news reporting by different anchors is parsed.

### Extracting value of noised video dashboard of an aeroplane using video processing

Sep 2018

A video of the dashboard in an aeroplane's cockpit is given which has a lot of noise, Features have to be extracted from it and then exported to a csv file with respect to time

## COURSE WORK

### Deep Learning Specialization

(deeplearning.ai)

#### Courses Completed

- Neural Networks & Deep Learning
- Structuring Machine Learning Projects
- Sequence Models
- Improving Deep Neural Networks
- Convolutional Neural Networks

### Applied AI Professional Certificate

(IBM)

#### Courses Completed

- Python for Data Science
- Intro to Computer Vision Watson & OpenCV
- Introduction to Artificial Intelligence
- Building AI App with Watson APIs

### AI Engineering Professional Certificate (Ongoing)

(IBM)

#### Courses Completed

- Machine Learning with Python
- Deep Learning & Neural Networks with Keras
- Scalable ML on Big Data using Apache Spark
- Deep Neural Networks with PyTorch